

Amendments to the Claims

Claim 6 (currently amended) The method of preventing the opening of a locked guard closure of a rotating component of a machine prior to the rotating component of the machine reaching zero speed consisting of the steps of providing a zero speed indicator that controls the unlocking of the guard closure and testing for zero speed indicating accuracy of the zero speed indicator by temporarily uncoupling or isolating the zero speed indicator from the machine and testing same to see if it is operating properly and if the zero speed indicator fails the test guard closure will remain locked until the zero speed indicator is repaired or replaced.

Claim 7 (previously presented) The method as set forth in claim 6 in which the closure remains locked in response to a zero speed indicator failing the zero speed indicating accuracy test permits the machine to be restarted in spite of the presence of a known faulty zero speed indicator.

Claim 8 (previously presented) The method as set forth in claim 6 - in which the guard closure remains locked due to a zero speed indicating accuracy test failure of the zero speed indicator while the machine continues to operate.

Claim 9 (withdrawn). The method of testing whether a machine is at zero speed to permit opening of a locked guard closure consisting of the step of attempting to insert an interference device into a receiving portion of a machine component and communicating the status of the interference device to a machine controller whereby if the interference is fully inserted the closure lock will be given permission to unlatch but if it cannot be fully inserted or deployed the closure will remain unlocked.

Claim 14 (withdrawn). Apparatus for insuring that the moving components of a machine have come to a complete stop during run down before a closure guarding same can be opened including a zero speed indicator for recording the speed of the moving components, sensing when the components have come to a complete stop and

inserting an interference device preventing further movement of the moving components when the indicator measures zero speed.

18. (withdrawn) The method of testing to determine if the conditions are present to unlatch a guard closure including the steps of testing the guard closure locs, the interlocks, the zero speed indicator, any timers or delay devices that are provided and any included interference systems and devices.

19. (withdrawn) The method as set forth in claim 18 in which failure to any of the tests will result in the guard closure remaining locked and not be allowed to be opened and to schedule necessary repair or replacement, and if all the tests are passed to record and indicate that all tests have been passed and permission given to unlatch the guard closure.

24. (withdrawn) The method of inserting a motion interference device at the completion of machine rundown caused by machine stop initiations including the steps of signaling the machine to stop, using a tested and passed zero speed indicator to monitor the speed of the relevant machine member and if zero speed is indicated insert the interference device into position to block the movement of said machine member.

25. (withdrawn) The method as set forth in claim 24 in which if the interference device cannot be inserted the guard closure cannot be unlocked and the necessary repair or replacement will be scheduled.

26. (withdrawn) The method as set forth in claim 25 in which a warning device will be activated indicating that the interference device cannot be inserted.